

Title (en)  
COMPLEX SUPPORT SUITABLE FOR PROPYLENE POLYMERIZATION CATALYST, A CATALYST COMPONENT AND CATALYST CONTAINING THE SAME

Title (de)  
KOMPLEXER TRÄGER FÜR PROPYLENPOLYMERISATIONSKATALYSATOR, KATALYSATORKOMPONENTE UND KATALYSATOR DAMIT

Title (fr)  
SUPPORT COMPLEXE POUR CATALYSEUR DE POLYMERISATION DU PROPYLENE, COMPOSANT DE CATALYSEUR ET CATALYSEUR CONTENANT CE COMPOSANT

Publication  
**EP 1609805 A4 20080521 (EN)**

Application  
**EP 04711555 A 20040217**

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• CN 03153662 A 20030820

Abstract (en)  
[origin: EP1609805A1] The present invention is to provide a composite carrier, which is spheric particles obtainable by contacting magnesium halide with one or more electron donor compounds to form a solution, then mixing the solution with silica material having an average particle size of less than 10 microns to form a mixture, and drying the mixture through spray drying process. The present invention is also to provide a catalyst component comprising said composite carrier. When the catalyst component is used together with a cocatalyst component in propylene polymerization, it exhibits higher polymerization activity and stereospecificity, and can be used to prepare high impact resistant ethylene-propylene copolymer having high ethylene content.

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IPC 8 full level  
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CPC (source: EP KR US)  
**C08F 4/02** (2013.01 - KR); **C08F 10/00** (2013.01 - EP US); **C08F 10/06** (2013.01 - EP US); **C08F 110/06** (2013.01 - EP US)

Citation (search report)  
• [X] EP 0584626 A2 19940302 - UNION CARBIDE CHEM PLASTIC [US]  
• [X] EP 0661301 A1 19950705 - UNION CARBIDE CHEM PLASTIC [US]  
• [PX] WO 2004007562 A2 20040122 - DOW GLOBAL TECHNOLOGIES INC [US], et al  
• [PX] US 2004010101 A1 20040115 - WAGNER BURKHARD ERIC [US], et al  
• See references of WO 2004074329A1

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